Wiring Closet Ventilation Unit Installation and Operation Guide

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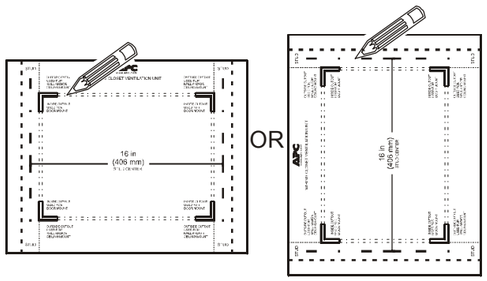
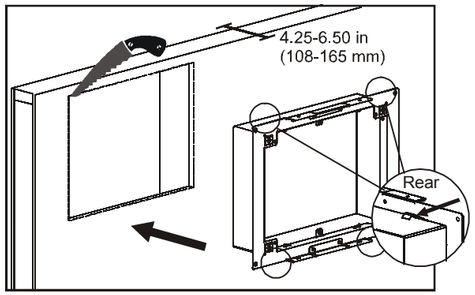
990-2834-002, 05/2006

Wall Mounting

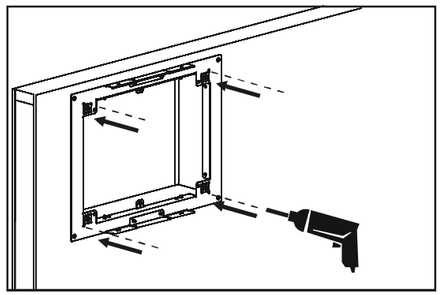
1 Outside



2 Outside

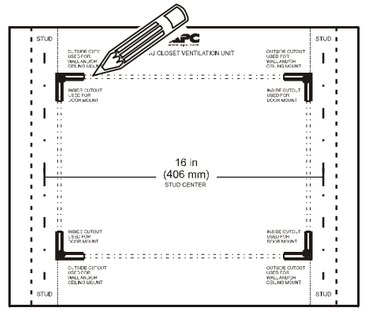


3 Outside

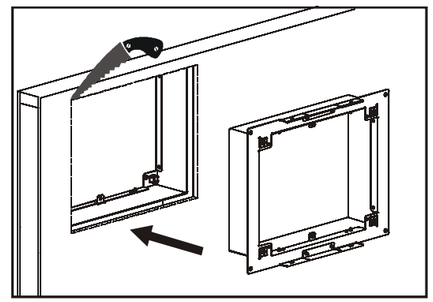


Note: Drill rod included in hardware kit.

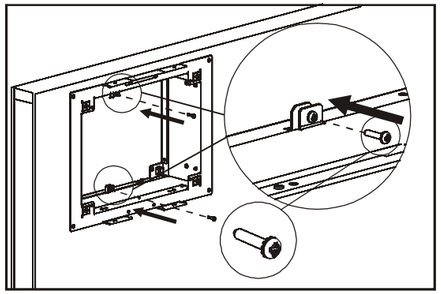
4 Inside



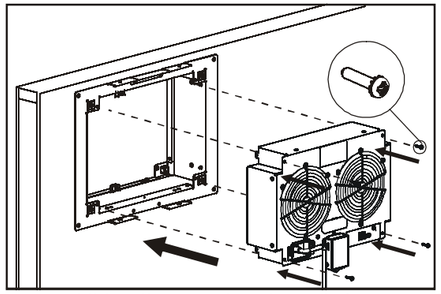
5 Inside



6 Inside

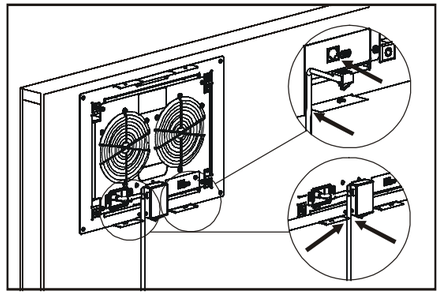


7 Inside

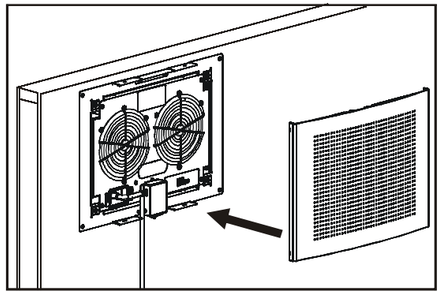


Note: Additionally, screw into the studs for *optional* supplemental support (screws not included).

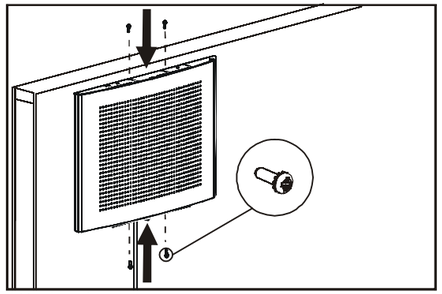
8 Inside



9 Inside and Outside



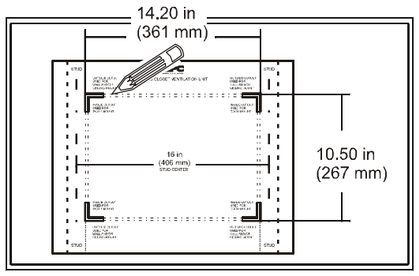
10 Inside and Outside*



*Optional

Suspended Ceiling Mounting

1



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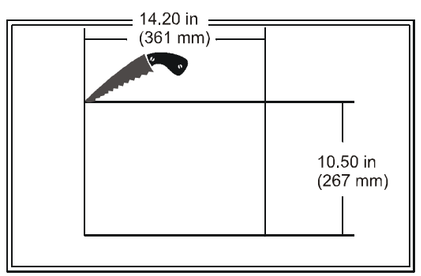

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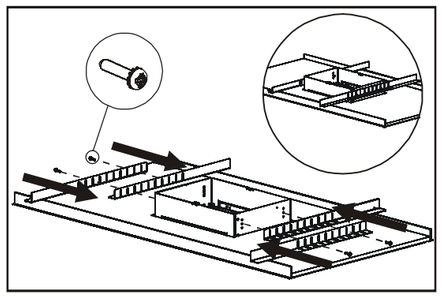

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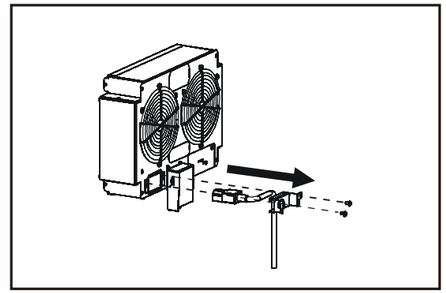

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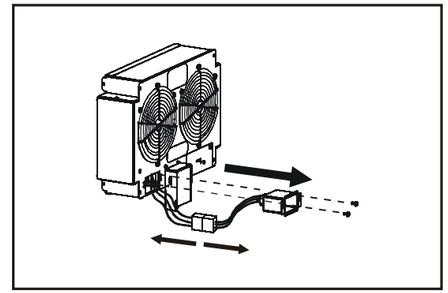

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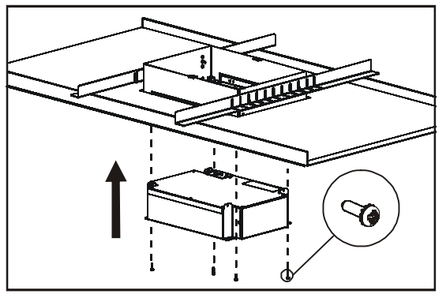

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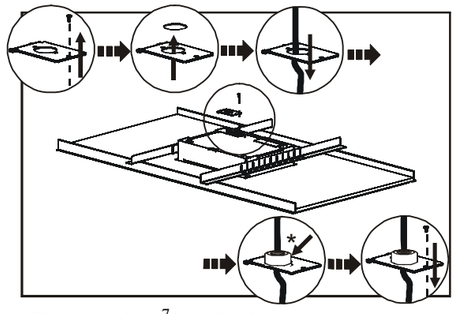
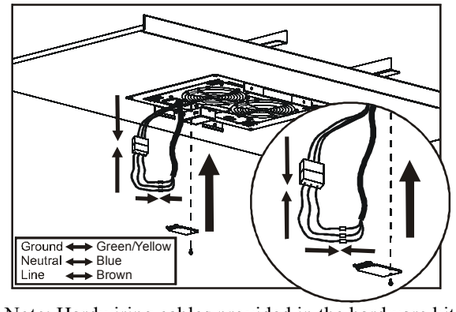


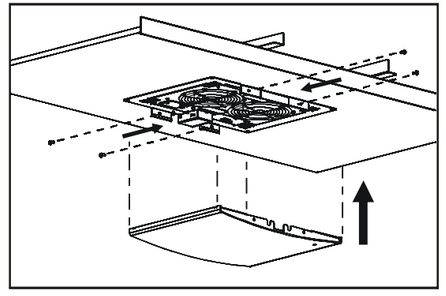
*Use a standard $^{7}/_{8}$ in. hardwire clamp.

8



Note: Hardwiring cables provided in the hardware kit.

9



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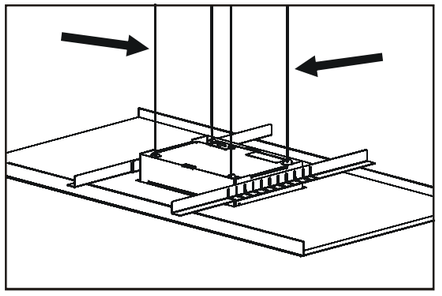
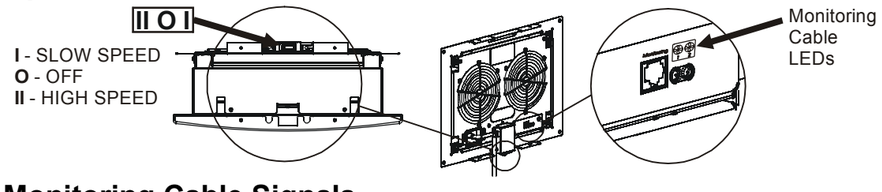


Attention: Standard drop ceiling hanger wire required.

Hardwiring

Attention: All electrical hardwiring connections must be performed by a qualified electrician. Adhere to all local and national electrical codes.
Hardwiring is applicable to ceiling-mounted units only. Refer to Step 6 and 7 in *Suspended Ceiling Mounting* for instruction.

Operation and LEDs



Monitoring Cable Signals

Wire Color	Name	Signal Function	For connection to AP9619	For connection to AP9340 or AP9350	Polarity
Green	Common	Not applicable	Zone 1 NC* or Zone 2 NC*	User 1 Negative (-) or User 2 Negative (-)	Not applicable
White with brown	Contact 1	Fan off	Zone 1 COM**	User 1 Positive (+)	Opens when fan is off
Brown	Contact 2	Fan fail	Zone 2 COM**	User 2 Positive (+)	Opens when failure occurs

* Normally closed / ** Common

Troubleshooting

Problem and/or Possible Cause	Solution
Fan Fail (Contact 2 Open)	
Monitoring cable is not connected.	Check that the monitoring cable is correctly wired.
Fan is not connected to utility power.	Check that the fan has utility power connection and supply. (Note: Fan off contact will be open.)
One or both fans has failed.	Check the status of the front panel *fan fail* LEDs and contact APC technical support.
Fan Off (Contact 1 Open)	
Fan is switched off.	Check that the fan switch is turned to the Low (I) or High (II) position.
Monitoring cable is not connected.	Check that the monitoring cable is correctly wired.
Fan is not connected to utility power.	Check that the fan has utility power and supply. (Note: Fan fail contact will be open.)
Fan 1 or Fan 2 LED is Illuminated	
One or two fans have failed.	Contact APC technical support.

Fan Replacement

Refer to applicable steps in *Wall Mounting* or *Suspended Ceiling Mounting*.

Specifications

Physical	
Dimensions (unit only)	9.7 H x 13.7 W x 3.4 D in (246 H x 348 W x 86 D mm)
Net weight (unit only)	9.5 lb (4.3 kg)
Shipping weight	32.8 lb (14.9 kg)

Electrical	
Power Source	100-230 V; 50, 60 Hz
Rated Current	2.0 A

Nominal Air Flow	
Low/High	325 CFM/474 CFM
Sound Level	
Low/High	53 dB/60 dB

Service

If the Wiring Closet Ventilation Unit requires service, do not return it to the dealer. Follow these steps:

1. Contact APC Customer Support through the APC Web site, www.apc.com.
   - Note the model number and the serial number, both located in the front of the unit, and the date purchased. If you call APC Customer Support, a technician will ask you to describe the problem and attempt to solve it over the phone. If this is not possible, the technician will issue a Returned Material Authorization Number (RMA#).
   - If the unit is under warranty, repairs are free.
   - Procedures for servicing or returning products may vary internationally. Refer to the APC Web site for country specific instructions.
2. Pack the unit in its original packaging. If this is not available, refer to the APC Web site for information about obtaining a new set.
   - Pack the unit properly to avoid damage in transit. Never use Styrofoam beads for packaging. Damage sustained in transit is not covered under warranty.
3. Mark the RMA# on the outside of the package.
4. Return the unit by insured, prepaid carrier to the address given to you by Customer Support.

Customer Support

Refer to the APC Web site, www.apc.com. Select the appropriate country from the country selection field. Select the *Support* tab at the top of this Web page. After selecting a country, see www.apc.com/support/contact for e-mail and phone numbers available.

Compliance

cUL, FCC Part 15, CE, VCCI, CISPR 22, CISPR 24, AS/ANZI CISPR 22

Limited Warranty

American Power Conversion (APC) warrants its products to be free from defects in materials and workmanship for a period of two years from the date of purchase. Its obligation under this warranty is limited to repairing or replacing, at its own sole option, any such defective products. To obtain service under warranty you must obtain a Returned Material Authorization (RMA) number from customer support. Products must be returned with transportation charges prepaid and must be accompanied by a brief description of the problem encountered and proof of date and place of purchase. This warranty does not apply to equipment that has been damaged by accident, negligence, or misapplication or has been altered or modified in any way. This warranty applies only to the original purchaser who must have properly registered the product within 10 days of purchase.

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